

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-273  
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1985 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FFM1.6V2GDK8	98            (1.6)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

The following are the certification emission values for the above engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.22	3.0	0.6

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 29th day of June 1989



K. D. Drachand, Chief  
Mobile Source Division

Manufacturer Ford Motor Company Executive Order No. A-10-273  
 Engine Family FFM1.6V2GDK8 Evaporative Family 5CM  
 Engine CID (Liters) 98 CID (1.6L)

## ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VY-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three-Way Catalyst System

Special Feature

CCV-Combustion Chamber Vent  
 CFI-Central Fuel Injection  
 DID-Diesel Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

VEHICLE MODELS:

<u>Vehicle Line</u>	<u>Body Type (Cab Style)</u>	<u>Body Code (Wheelbase)</u>
<u>Ford</u>		
Escort	3-Door	61-D
	5-Door	58-D
	Wagon	74-D
<u>Mercury</u>		
Lynx	3-Door	61-D
	5-Door	58-D
	Wagon	74-D

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. 1A - 10-273

☒ Passenger Cars ☐ Light-Duty Trucks ☐ Medium-Duty Vehicles ☒ Gas ☐ Diesel

Manufacturer Ford Motor Company

Page 2

Engine Family FFM1.6V2GDK8

Engine Code 4-03K-R10A/N

ECS (Special Features) EGR/AIP/TWC

CID (Liter)-  
Type

Engine Code	Vehicle Models (If Coded see attachment) (Dyno HP or DPA)	Trans.	Equiv. Test Weight	Ign. System CA/VA Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Iden Part
4-03K-R10A	Esct-61D (6.4)	M40D	2500	E3EE-12127-PA	E4EE-9510-YA	E4EE-9D475-CA	E5AE-9C485-CAF
	Esct-58D (6.4)						
	Esct-74D (6.9)						
	Lynx-61D (6.4)						
	Lynx-58D (6.4)						
	Lynx-74D (6.9)		2625				
4-03K-R10N	Esct-61D (5.8)		2375		E4EE-9510-ABA		
	Esct-58D (5.8)		2500				
	Esct-74D (6.3)		2500				
	Lynx-61D (5.8)		2375				
	Lynx-58D (5.8)		2500				
	Lynx-74D (6.3)		2500				

Comments: See page one for abbreviations and evaporative emission family identification.